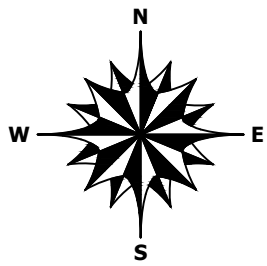


DEVELOPMENT APPLICATION CIVIL DRAWINGS

for
SHOP TOP MIXED USE DEVELOPMENT
at
17 MCDONALD PLACE IN EVANS HEAD, NSW



DRAWING TABLE		
DRAWING NUMBER	TITLE	REVISION
C000	Title page	0
C001	Construction notes	0
C002	Existing conditions	0
C301	On-site Parking	0
C302	Swept-Path analysis	0
C401	Catchment plan - Existing	0
C402	Catchment plan - Proposed	0
C403	Stormwater design layout plan	0
C701	Combined services drawing	0



LOCALITY MAP

N.T.S.

Source of map: Richmond Valley Council Maps



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A	Draft For Review	16/11/23	MC	MK	MK

APPROVED BY:
Michiel Kamphorst,
MSc, BSc, RPEng, RPEQ, NER

Signed: _____ Date: **16/11/23**



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PROJECT:
DA drawings for shop top mixed used development at 17 McDonald Place in Evans Head, NSW

DRAWING TITLE:
Title page

PROJECT NUMBER:
J1279

DRAWING NUMBER:
J1279_C000

ORIGINAL SIZE:
A3

REVISION:
A

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GENERAL

- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS:
 - ARCHITECTURAL DRAWINGS;
 - OTHER PROVIDED ENGINEERING DRAWINGS;
 - GEOTECHNICAL ENGINEERING REPORTS;
 - TECHNICAL SPECIFICATIONS;
 - SUPPLEMENTARY SPECIFICATIONS;
 - WRITTEN INSTRUCTIONS.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT SPECIFICATION FOR THE WORKS TOGETHER WITH THE REQUIREMENTS OF ALL THE RELEVANT CODES OF PRACTICE REFERRED TO THEREIN AND THE REQUIREMENTS OF NRLG STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROVISION OF ANY TEMPORARY BRACING, PROPPING ETC. TO DRAINAGE PIPES DURING CONSTRUCTION. STRUCTURES SHALL BE MAINTAINED IN A STABLE POSITION AND NO PART SHALL BE OVERSTRESSED.
- ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK. DISCREPANCIES SHALL BE REFERRED TO THE SITE SUPERINTENDENT.
- DO NOT OBTAIN DIMENSIONS FROM SCALING.
- NATURAL SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE ONLY.
- ANY PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF PERMANENT OR TEMPORARY WORKS SHALL BE OBTAINED BY THE CONTRACTOR.
- NRLG STANDARD DETAILS ARE TO BE ADOPTED UNLESS STATED OTHERWISE.
- DESIGN SUBJECT TO GROUND CONDITIONS. PRESENCE OF SHALLOW ROCK MAY REQUIRE DESIGN SURFACE TO BE LIFTED TO MINIMISE ROCK BREAKING.

ABBREVIATIONS USED ON THE PLANS

SW	STORMWATER	K+C	CONCRETE KERB AND CHANNEL
W	WATER	AC	ASPHALTIC CONCRETE
FH	FIRE HYDRANT	TOB	TOP OF BANK
SV	SLUICE VALVE	BOB	BOTTOM OF BANK
GV	GATE VALVE	CL	CENTRELINE
EB	EDGE OF BITUMEN	B'DY	BOUNDARY
ES	EDGE OF SHOULDER		
NRLG NORHERN RIVERS LOCAL GOVERNMENT			

LEGEND

EXISTING	PROPOSED	
		Contours (0.25m interval)
		Property Boundary
		Building (Ground Floor Footprint)
		Building (Roof Footprint)
		Easement
		Fence
		Vegetation
		Service - Table Drain
		Services - Stormwater Inter-Allotment Pipeline
		Services - Stormwater Pipeline
		Services - Stormwater Pit
		Services - Headwall
		Services - Rainwater Tank
		Services - Sewer Main
		Services - Sewer Manhole
		Services - Water Main
		Services - Water Meter
		Services - Fire Hydrants
		Services - Power Line
		Services - Electrical Pit
		Services - Electrical Pit
		Services - Electrical Pole
		Service - Telstra Line
		Service - Telstra Pit
		Road - Alignment and Chainage
		Road - Concrete
		Road - Bitumen
		Road - Gravel
		Cut Batter
		Fill Batter
		Finish Surface Level



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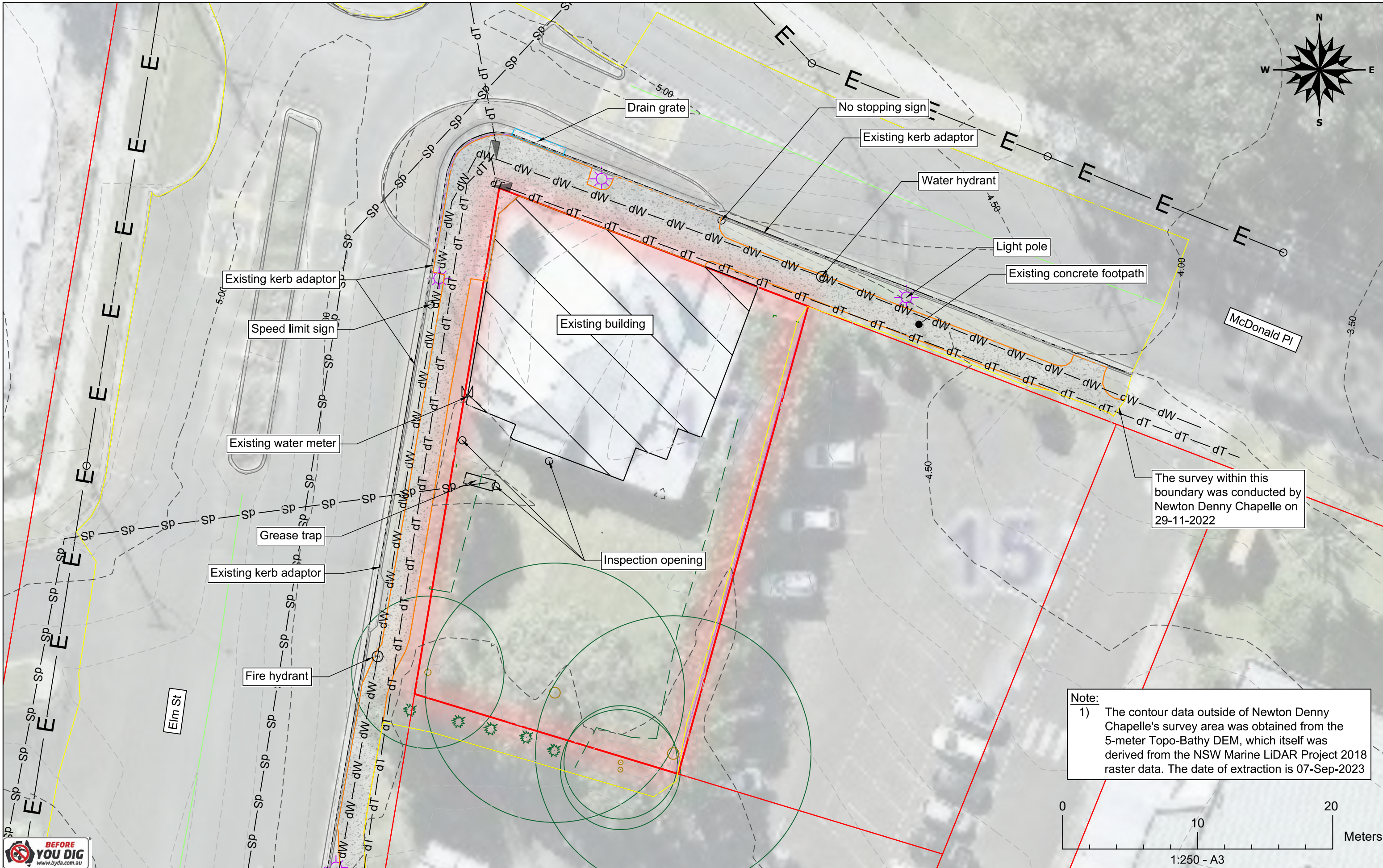
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PROJECT:
DA drawings for shop top mixed used development at 17 McDonald Place in Evans Head, NSW

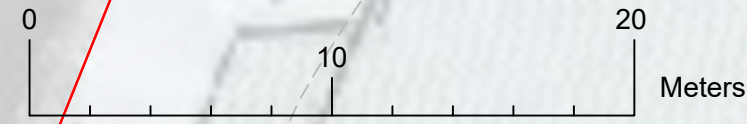
DRAWING TITLE: Construction notes	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C001	REVISION: A

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The survey within this boundary was conducted by Newton Denny Chapelle on 29-11-2022

Note:
 1) The contour data outside of Newton Denny Chapelle's survey area was obtained from the 5-meter Topo-Bathy DEM, which itself was derived from the NSW Marine LiDAR Project 2018 raster data. The date of extraction is 07-Sep-2023



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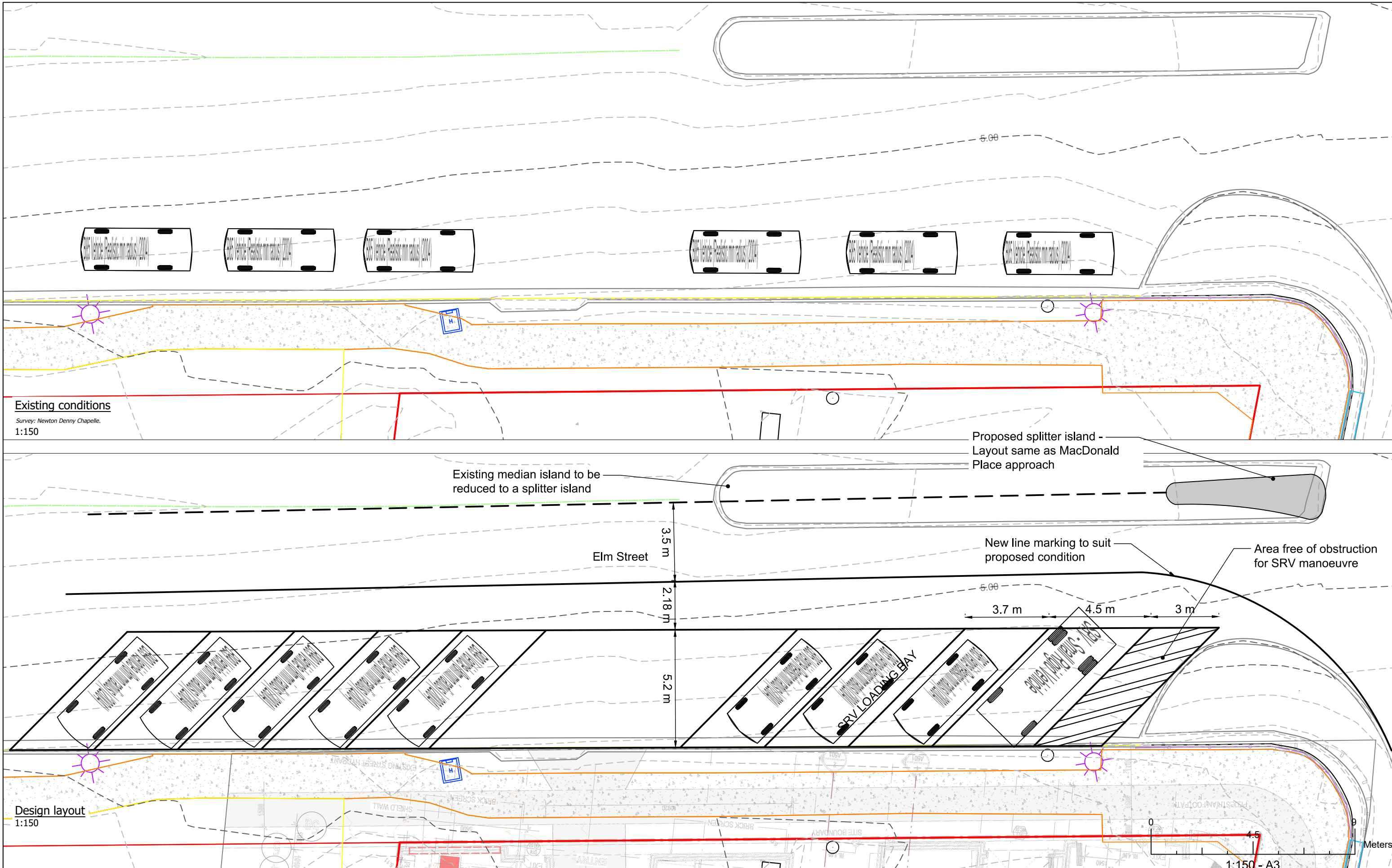
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DRAWING TITLE: Existing conditions	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C002	REVISION: A

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Existing conditions
 Survey: Newton Denny Chapelle.
 1:150

Design layout
 1:150

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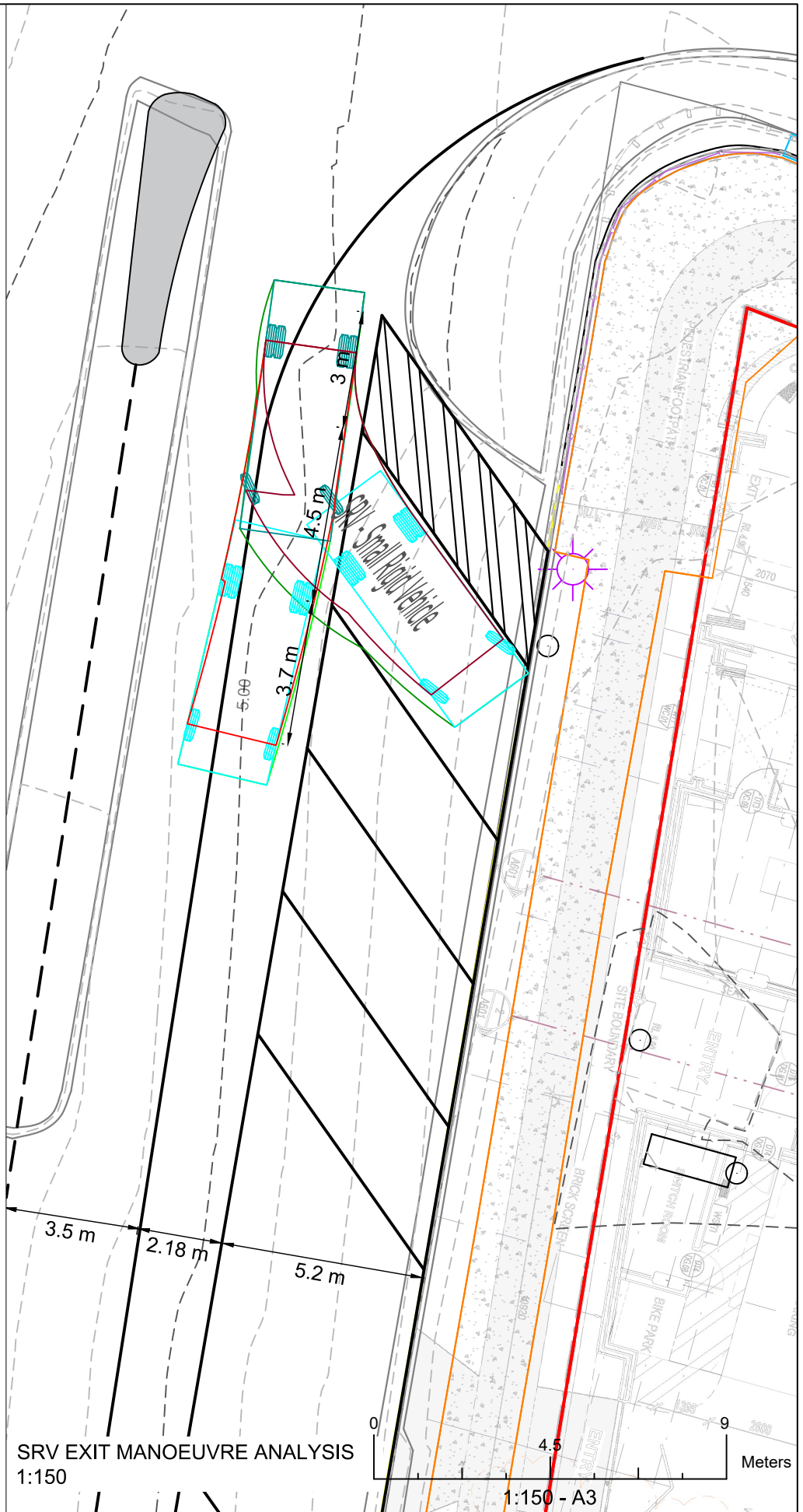
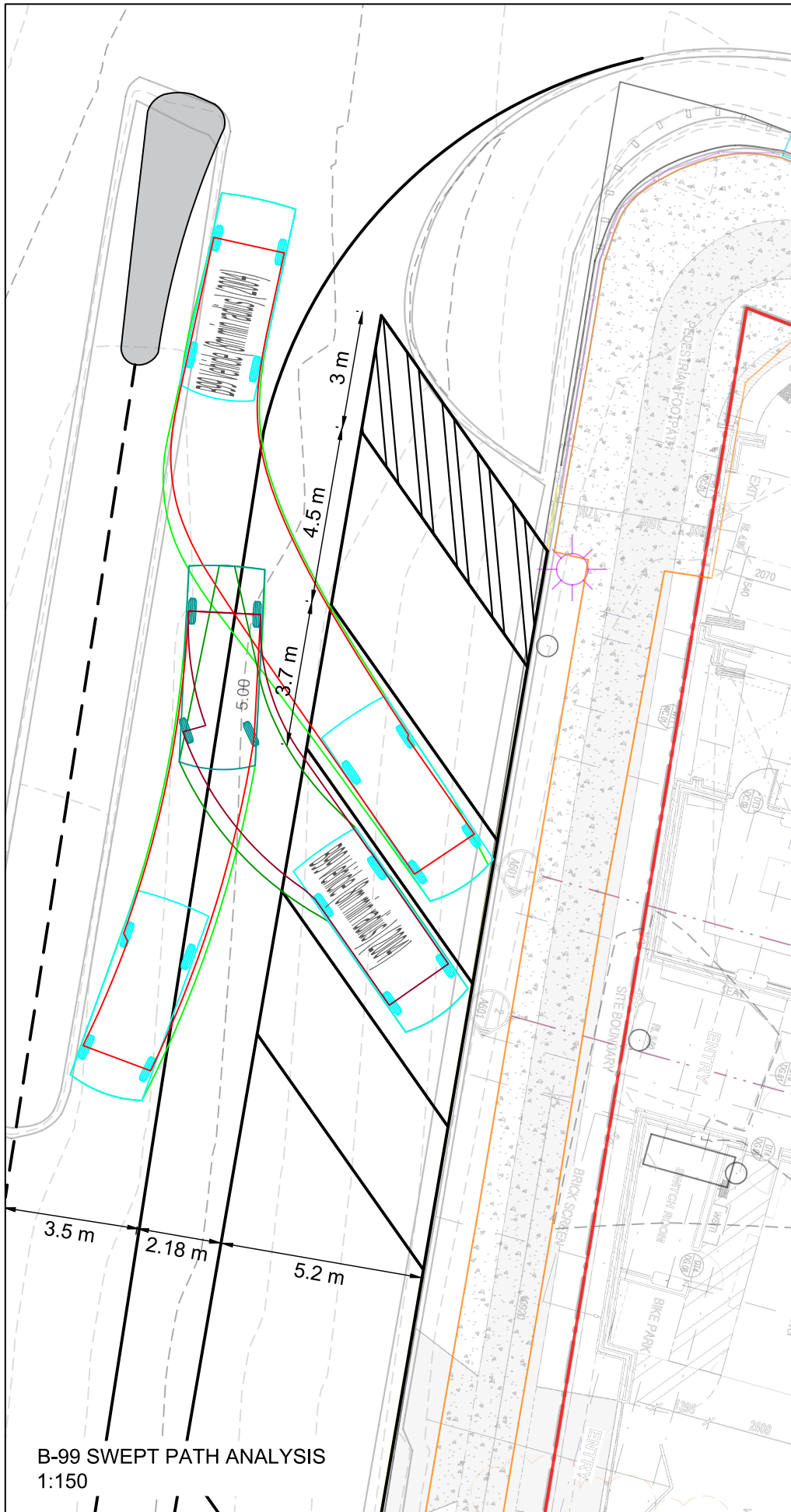
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DRAWING TITLE: On-site Parking	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C301	REVISION: A

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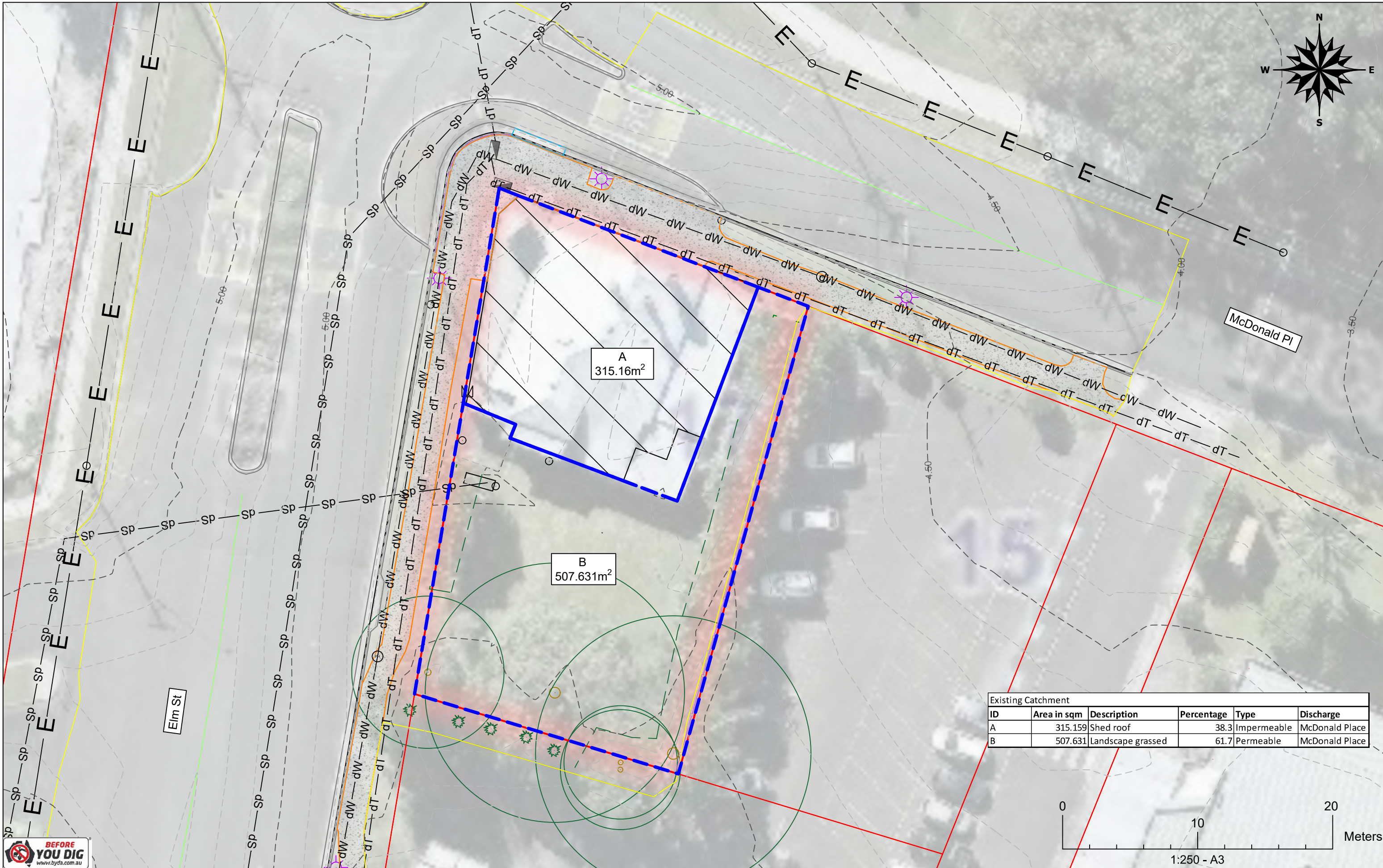
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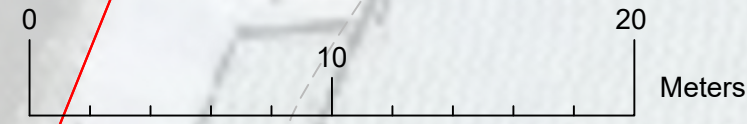
PROJECT:
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DRAWING TITLE: Swept-Path analysis	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C302	REVISION: A

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Existing Catchment					
ID	Area in sqm	Description	Percentage	Type	Discharge
A	315.159	Shed roof	38.3	Impermeable	McDonald Place
B	507.631	Landscape grassed	61.7	Permeable	McDonald Place



1:250 - A3

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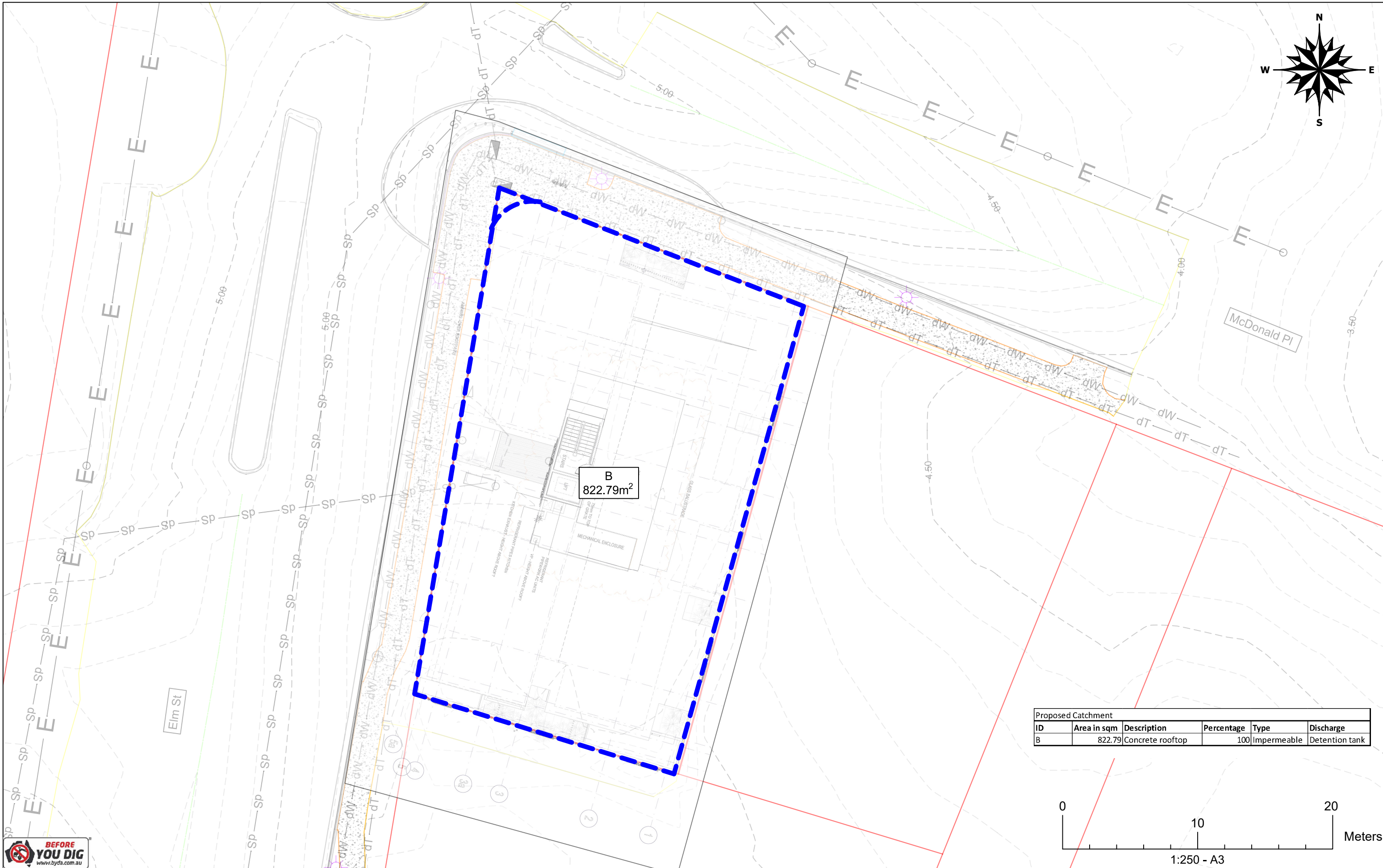
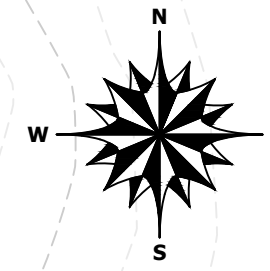
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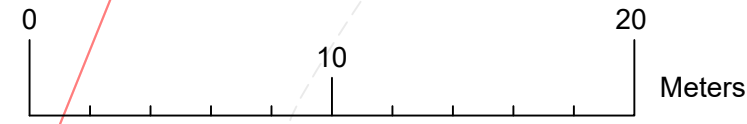
PROJECT:
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DRAWING TITLE: Catchment plan - Existing	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C401	REVISION: A

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Proposed Catchment					
ID	Area in sqm	Description	Percentage	Type	Discharge
B	822.79	Concrete rooftop	100	Impermeable	Detention tank



1:250 - A3



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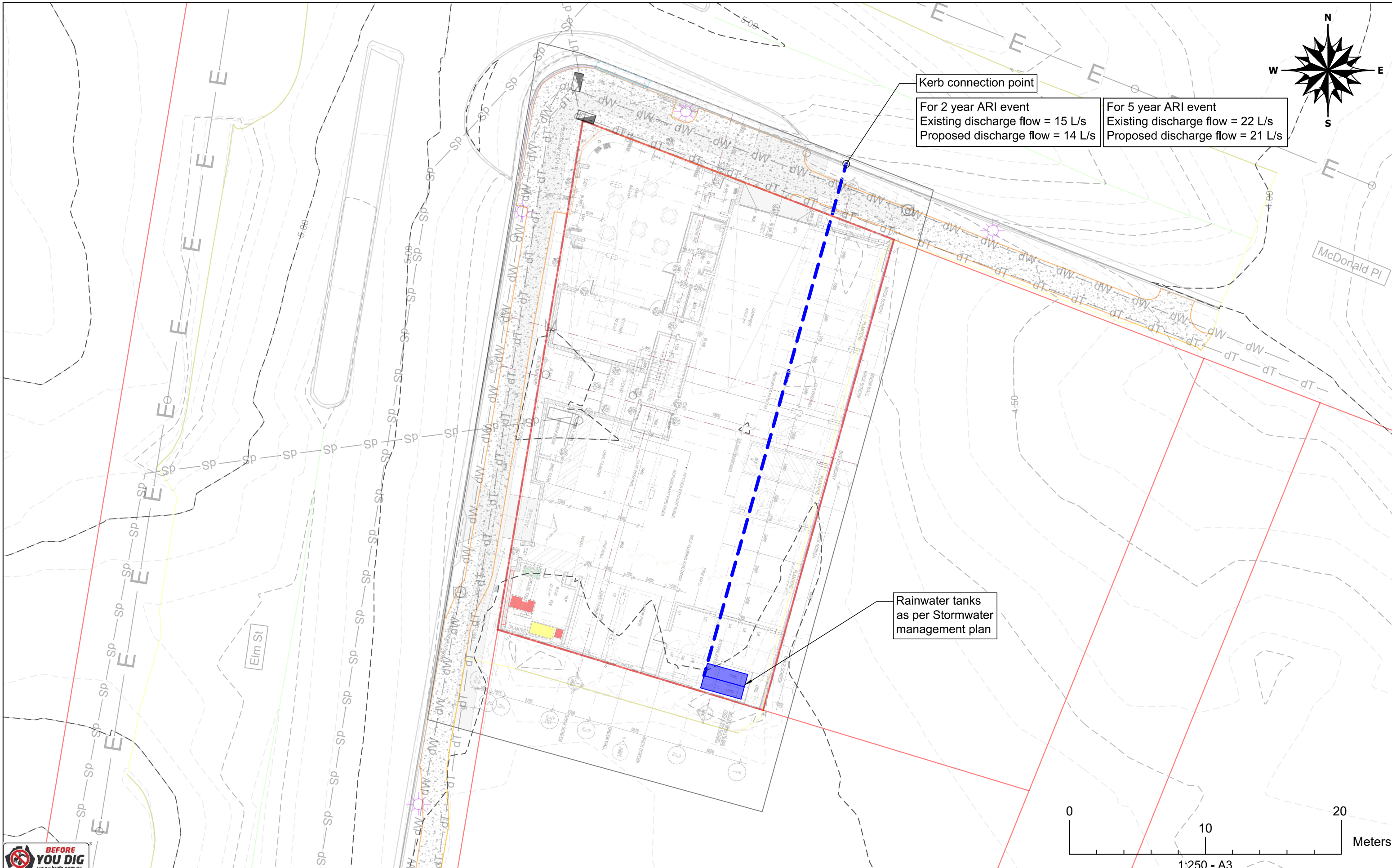
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DRAWING TITLE:	
Catchment plan - Proposed	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C402	REVISION: A

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Kerb connection point

For 2 year ARI event Existing discharge flow = 15 L/s Proposed discharge flow = 14 L/s	For 5 year ARI event Existing discharge flow = 22 L/s Proposed discharge flow = 21 L/s
--	--

Rainwater tanks as per Stormwater management plan



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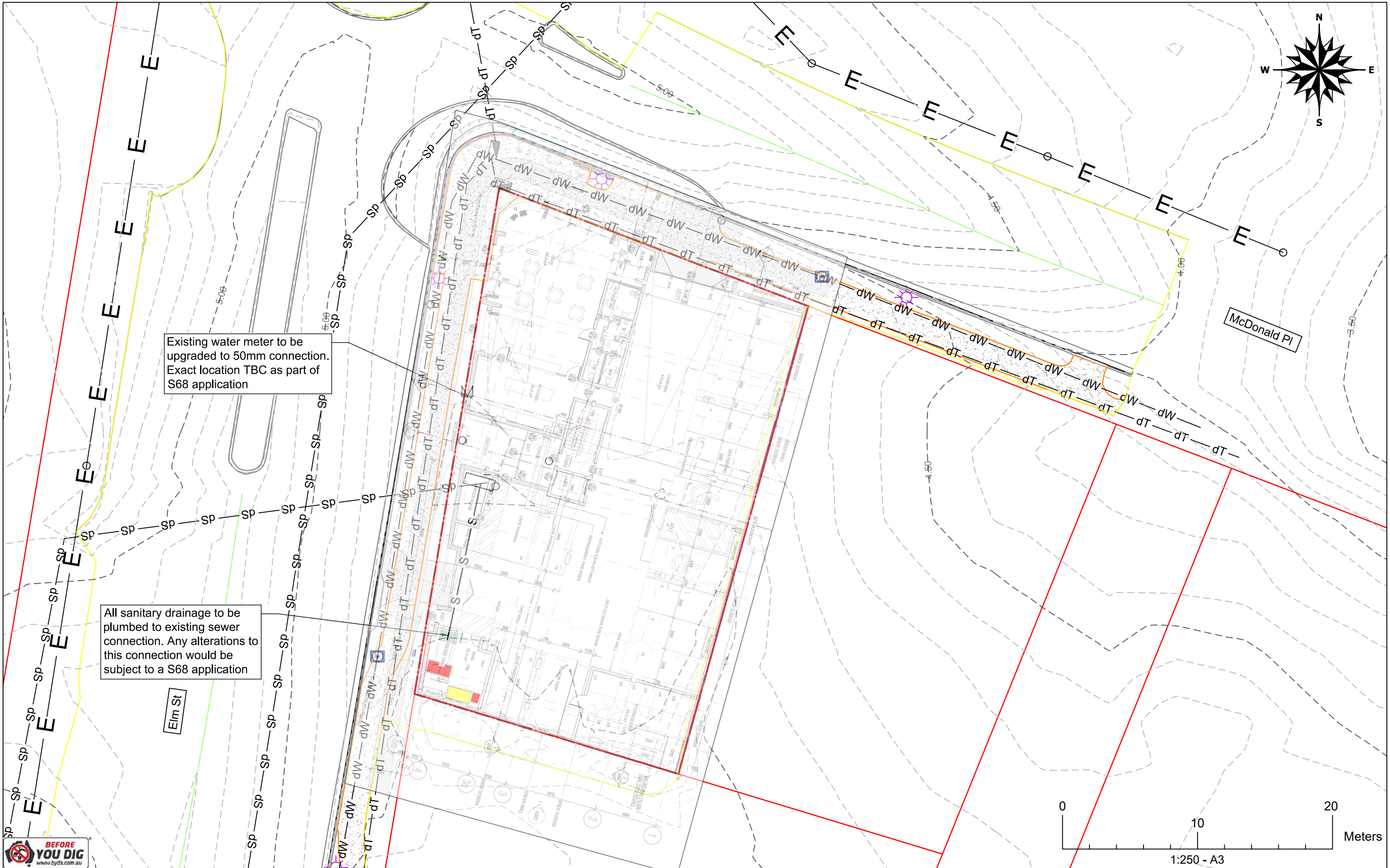
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DRAWING TITLE: Stormwater design layout plan	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
DRAWING NUMBER: J1279_C403	REVISION: A

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DRAWING TITLE: Combined services drawing	
PROJECT NUMBER: J1279	ORIGINAL SIZE: A3
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